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Docket No.: 07560-00009-US  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Emil M. Orozco, Jr., et al.

Application No.: 10/030884

Group Art Unit: 1642

Filed: October 25, 2001

Examiner: Not Yet Assigned

For: AUXIN TRANSPORT PROTEINS

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**INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. §1.97(b)**

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Dear Sir:

In accordance with 37 CFR 1.97, Applicants hereby make of record the following documents. A PTO Form SB/08 and a full copy of each of these documents accompanies this statement.

Some of the listed documents were cited in an International Search Report issued January 16, 2001, during the prosecution of international application no. PCT/US00/12061, which corresponds to the above referenced application. A copy of the International Search Report is enclosed as well.

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicants understand the Examiner will make an independent evaluation of the cited documents.



Application No. (if known): 10/030884

Attorney Docket No.: 07560-00009-07

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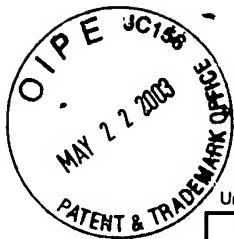
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Respectfully submitted,

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PTO/SB/08A (10-01)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/030884
				Filing Date	October 25, 2001
				First Named Inventor	Emil M. Orozco, Jr.
				Art Unit	1642
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	07560-00009-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	4,945,050-A1	07-31-1990	Sanford et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	WO-99/63092	12-09-1999	Whitehead Institute for Biomedical Research		
	BB	EP-0 814 161-A1	12-29-1997	Max-Planck-Gesellschaft zur Forderung		
	BC	EP-0 242 236-B2	08-21-1996	Plant Genetic Systems N.V.		

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
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		Examiner Name	Not Yet Assigned		
Sheet	2	of	3	Attorney Docket Number	07560-00009-US

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	National Center for Biotechnology Information General Identifier No. 7489524, 4-6-00, Probable auxin transport protein-rice	
	CB	National Center for Biotechnology Information General Identifier No. 5902405, 09-16-99, Auxin Transport Protein [ <i>Arabidopsis Thaliana</i> ]	
	CC	National Center for Biotechnology Information General Identifier No. 5817301, 09-02-99, Auxin Transport Protein [ <i>Arabidopsis Thaliana</i> ]	
	CD	Rujin Chen et al., PNAS, 95:15112-15117, 1998, The <i>Arabidopsis Thaliana</i> AGRVITROPIC 1 Gene Encodes a Component of the Polar-Auxin-Transport Efflux Carrier	
	CE	Desmond G. Higgins et al., Cabios Comm., (IRL Press), vol. 5(2):151-153, 1989, Fast and Sensitive Multiple Sequence Alignments On a Microcomputer	
	CF	Stephen F. Altschul et al., J. Mol. Biol., vol. 215:403-410, 1990, Basic Local Alignment Search Tool	
	CG	Warren Gish et al., Nature Genetics, vol. 3:266-272, 1993, Identification of Protein Coding Regions by Database Similarity Search	
	CH	Mark D. Adams et al., Science vol. 252:1651-1656, 1991, Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project	
	CI	T. M. Klein et al., Nature, vol. 327:70-73, 1987, High-Velocity Microprojectiles for Delivering Nucleic Acids Into Living Cells	
	CJ	Joan T. Odell et al., Nature, vol. 313:810-812, 1985, Identification of DNA Sequences Required for Activity of the Cauliflower Mosaic Virus 35S Promoter	
	CK	Embl Sequence Database Library Accession No.: 081215, 11-01-98, C. Luschnig, et al., Auxin Transport Protein REH1	
	CL	Christian Luschnig et al., Genes & Dev., vol. 12(14):2175-2187, 1998, EIR1, A Root-Specific Protein Involved in Auxin Transport, is Required for Gravitropism in <i>Arabidopsis Thaliana</i>	
	CM	Etienne Schwob et al., Plant J., vol. 4(3):423-432, 1993, Molecular Analysis of Three Maize 22 kDa Auxin-Binding Protein Genes -Transient Promoter Expression and Regulatory Regions	
	CN	Rolf Zettl et al., PNAS, vol. 89:480-484, 1992, 5'-Azido-[3,6-3H2]-1-Naphthylphthalamic Acid, a Photoactivatable Probe for Naphthylphthalamic Acid Receptor Proteins From Higher Plants: Identification of a 23-kDa Protein From Maize Coleoptile Plasma Membranes	
	CO	Leo Galweiler et al., Science, vol. 282:2226-2230, 1998, Regulation of Polar Auxin Transport by AtPIN1 in <i>Arabidopsis</i> Vascular Tissue	
	CP	Malcolm J. Bennett et al., Science, vol. 273:948-950, 1996, <i>Arabidopsis</i> AUX1 Gene: A Permease-Like Regulator of Root Gravitropism	
	CQ	National Center for Biotechnology Information General Identifier No. 3377509, 08-03-98, Auxin Transport Protein REH1 [ <i>Oryza Sativa</i> ]	
	CR	National Center for Biotechnology Information General Identifier No. 3377507, 08-03-98, Auxin Transport Protein EIR1 [ <i>Arabidopsis Thaliana</i> ]	
	CS	National Center for Biotechnology Information General Identifier No. 4151319, 01-13-99, Putative Auxin Efflux Carrier Protein; AtPIN1 [ <i>Arabidopsis Thaliana</i> ]	
	CT	National Center for Biotechnology Information General Identifier No. 3785972, 10-23-98, Putative Auxin Transport Protein [ <i>Arabidopsis Thaliana</i> ]	
	CU	X. Lin et al., Nature, vol. 402:761-768, Dec. 16, 1999, Sequence and Analysis of Chromosome 2 of the Plant <i>Arabidopsis Thaliana</i>	
	CV	Michael E. Fromm et al., Biotechnology, vol. 8:833-839, 1990, Inheritance and Expression of Chimeric Genes in the Progeny of Transgenic Maize Plants	

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Sheet	3	of	3	Attorney Docket Number	07560-00009-US

CW	Jeff J. Doyle et al., J. Biol. Chem., vol. 261(20):9228-9238, 1986, The Glycosylated Seed Storage Proteins of <i>Glycine Max</i> and <i>Phaseolus Vulgaris</i>	
CX	Linda Gritz et al., Gene, vol. 25:179-188, 1983, Plasmid-Encoded Hygromycin B Resistance: The Sequence of Hygromycin B Phosphotransferase Gene and Its Expression in <i>Escherichia Coli</i> and <i>Saccharomyces Cerevisiae</i>	
CY	Alan H. Rosenberg et al., Gene, vol. 56:125-135, Vectors for Selective Expression of Cloned DNAs by T7 RNA Polymerase	
CZ	F. William Studier et al., J. Mol. Biol., vol. 189:113-130, 1986, Use of Bacteriophage T7 RNA Polymerase To Direct Selective High-Level Expression of Cloned Genes	
DA	Chu Chih-Ching et al., Scientia Sinica, vol. 18(5):659-668, 1975, Establishment of an Efficient Medium for Anther Culture of Rice Through Comparative Experiments on the Nitrogen Sources	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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